

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 24 March 2005 (24.03.2005)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		10/529169 U.S. APPLN. NO. (if known): Not Yet Assigned
INTERNATIONAL APPLICATION NO.: PCT/KR2003/002081	INTERNATIONAL FILING DATE: 09 October 2003 (09.10.2003)	PRIORITY DATE CLAIMED: 09 October 2002 (09.10.2002)
TITLE OF INVENTION: NOVEL FULL-LENGTH GENOMIC RNA OF JAPANESE ENCEPHALITIS VIRUS, INFECTIOUS JEV CDNA THEREFROM, AND USE THEREOF		
APPLICANT(S) FOR DO/EO/US: LEE, Young-Min; YUN, Sang-Im; LEE, Seung Han		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL FORM; FEE CALCULATION; COVER SHEET OF INTERNATIONAL PUBLICATION WO 2004/033690 A1 WITH INTERNATIONAL PUBLICATION DATE 09 OCTOBER 2003 WHICH CONSISTS OF 308 PAGES INCLUDING 2 COVER PAGES, 116 PAGES TEXTUAL SPECIFICATION, 2 PAGES RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT; 6 PAGES OF 28 CLAIMS; 1 PAGE OF THE ABSTRACT; 16 SHEETS DRAWINGS; 165 PAGES SEQUENCE LISTING; EXECUTED INVENTOR'S DECLARATION; EXECUTED ASSIGNMENT WITH RECORDATION COVER SHEET. </p>		

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17. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): National Stage Search Fee and National Stage Examination Fee:.....\$1,000.00		<u>CALCULATIONS</u>	<u>PTO USE ONLY</u>																																																									
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ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 1,000.00																																																										
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(e)).		\$																																																										
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NO. FILED</th> <th>NO. EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>TOTAL</td> <td>28-20=</td> <td>8</td> <td>X \$ 50.00</td> </tr> <tr> <td>INDEPENDENT</td> <td><u>3</u> - 3=</td> <td>0</td> <td>X \$ 200.00</td> </tr> <tr> <td colspan="2">Multiple dependent claims(s) (if applicable)</td> <td>+ \$360.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$</td> <td>1,400.00</td> </tr> <tr> <td colspan="2">Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).</td> <td>\$</td> <td>-700.00</td> </tr> <tr> <td colspan="2">SUBTOTAL =</td> <td>\$</td> <td>700.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 for furnishing the English translation later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(f)). +</td> <td>\$</td> <td>0.00</td> </tr> <tr> <td colspan="2">TOTAL NATIONAL FEE =</td> <td>\$</td> <td>700.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td>\$</td> <td>40.00</td> </tr> <tr> <td colspan="2">NATIONAL STAGE APPLICATION SIZE FEE = for each 50 sheets that exceeds 100 sheets (for a small entity) 5 x \$125</td> <td>\$</td> <td>625.00</td> </tr> <tr> <td colspan="2">TOTAL FEES ENCLOSED =</td> <td>\$</td> <td>1,365.00</td> </tr> <tr> <td colspan="2"></td> <td>Amount to be: refunded</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td>charged</td> <td>\$</td> </tr> </tbody> </table>				CLAIMS	NO. FILED	NO. EXTRA	RATE	TOTAL	28-20=	8	X \$ 50.00	INDEPENDENT	<u>3</u> - 3=	0	X \$ 200.00	Multiple dependent claims(s) (if applicable)		+ \$360.00	\$ 0.00	TOTAL OF ABOVE CALCULATIONS =		\$	1,400.00	Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).		\$	-700.00	SUBTOTAL =		\$	700.00	Processing fee of \$130.00 for furnishing the English translation later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(f)). +		\$	0.00	TOTAL NATIONAL FEE =		\$	700.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$	40.00	NATIONAL STAGE APPLICATION SIZE FEE = for each 50 sheets that exceeds 100 sheets (for a small entity) 5 x \$125		\$	625.00	TOTAL FEES ENCLOSED =		\$	1,365.00			Amount to be: refunded	\$			charged	\$	
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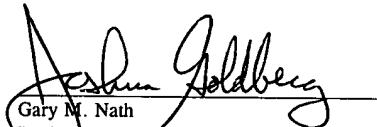
- a. Two checks in the aggregate amount of \$ 1,365.00 to cover the above fees are enclosed.
- b. Please charge my Deposit Account No. 14-0112 in the amount of \$_____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.
- d. Fees are to be charged to a credit card _____. WARNING: Information on this form may become public _____. Credit Card Information should not be included on this form. _____. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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10/529169
MAIL STOP PCT

Attorney Locket No. 26689U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1000 R ST NW, SUITE 400, WASHINGTON, DC 20004-1299
RECEIVED PCT/BIO 24 MAR 2005

In re Application of:

LEE et al.

International Application No. PCT/KR2003/002081

Serial No. NOT YET ASSIGNED

International Filing Date: 09 October 2003 (09.10.2003)

Filed: March 24, 2005

For: NOVEL FULL-LENGTH GENOMIC RNA OF JAPANESE ENCEPHALITIS
VIRUS, INFECTIOUS JEV CDNA THEREFROM, AND USE THEREOF

TRANSMITTAL LETTER

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

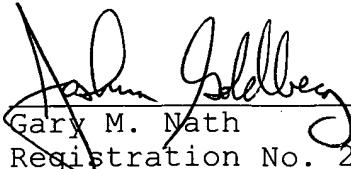
Sir:

- Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:
- (1) Transmittal Letter
 - (2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
 - (3) International Publication No: WO 2004/033690A1
International Publication Date: 22 April 2004 (22.04.2004)
which consists of 308 pages including:
 - 2 Cover Pages,
 - 116 pages Textual Specification,
 - 2 pages Receipt in The Case of An Original Deposit
 - 6 pages of 28 Claims,
 - 1 page of the Abstract,
 - 16 sheets of Drawings,
 - 165 pages Sequence Listing;
 - (4) Executed Inventor's Declaration;
 - (5) Executed Assignment and Recordation Cover Sheet;
 - (6) Check No. 22802 \$ 1,325.00 for National Stage fee(\$150), Search Fee(\$250), Examination fee(\$100), extra claims fee (\$200) and additional sheets fee(\$625) as a small entity;
 - (7) Check No. 22801 \$ 40.00 for recordation fee;
 - (8) Postcard for early notification of serial number.

Respectfully submitted,

NATH & ASSOCIATES PLLC

By:


Gary M. Nath
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Joshua B. Goldberg
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Date: March 24, 2005

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